

Section 3

Workers Compensation Claims Statistics

The Kansas Workers Compensation Fund

The Workers Compensation Fund is a guaranty fund that operates as a payer of last resort for injured workers in the state of Kansas. The fund is administered by the Commissioner of Insurance through the Kansas Insurance Department, and makes workers compensation payments “[i]f an employer has no insurance to secure payment of compensation...and such employer is financially unable to pay compensation to an injured worker as required by the workers compensation act, or such employer cannot be located and required to pay such compensation.”¹ In Tables 3-1, 3-2 and 3-3, the Kansas Insurance Department has supplied data on the Workers Compensation Fund caseload, expenditures and receipts for FY 2002-FY 2005.

Table 3-1
Workers Compensation Fund Case Load Scheduled

	FY2005	FY2004	FY2003	FY2002	FY2001
Total Number of Impleading	116	120	138	125	112
Total Number of Closed Cases	65	158	351	258	292

Source: Kansas Insurance Department

¹ K.S.A. 44-532a.

Table 3-2
Workers Compensation Fund
Expenditures Analysis

	FY 2005	% of Total	FY 2004	% of Total	FY 2003	% of Total	FY 2002	% of Total
Disability Compensation Work Assessment	\$1,106,766.70	37.72%	\$1,051,121.55	28.76%	\$1,414,799.82	34.82%	\$1,743,881	38.27%
Medical Reimbursement to Insurance Companies	\$5,305.28	0.18%	\$2,443.10	0.07%	\$2,060.36	0.05%	\$2,631	0.06%
[K.S.A. 44-569(a) & K.S.A.44-569]; lump sum and medical may be included	\$721,849.03	24.60%	\$925,650.48	25.33%	\$777,662.31	19.14%	\$1,272,118	27.91%
Attorney Fees	\$503,639.73	17.16%	\$1,031,498.41	28.23%	\$1,233,958	30.37%	\$876,891	19.24%
Court Costs, Deposition, Medical Reports, etc	\$297,599.49	10.14%	\$351,528.86	9.62%	\$303,013	7.46%	\$285,564	6.27%
Other Operating Expense	\$43,259.68	1.47%	\$34,445.19	0.94%	\$40,563.86	1.00%	\$51,883	1.14%
Total Expenditures	\$256,078.68	8.73%	\$257,570.32	7.05%	\$291,146.83	7.17%	\$324,308	7.12%
Total Expenditures	\$2,934,498.59	100.00%	\$3,654,257.91	100.00%	\$4,063,204	100.00%	\$4,557,276	100.00%

Source: Kansas Insurance Department

Table 3-3
Workers Compensation Fund
Receipts Analysis

	FY 2005	% of Total	FY 2004	% of Total	FY 2003	% of Total	FY 2002	% of Total
Assessment Receipts	\$3,333,049	35.12%	\$3,790,122.12	39.5%	\$757,846.34	7.76	\$398,206.28	2.29
Misc. Reimbursements	\$62,906.49	0.66%	\$113,760.70	1.19%	\$96,972.98	0.99	\$189,811.20	1.09
Fines & Penalties	\$131,114	1.38%	\$68,712.80	0.72%	\$113,822.20	1.17	\$57,877.27	.33
Transfer to State General Fund	\$17,355	0.18%	(\$76,894.00)	-0.80%	(\$4,000,915.00)	-40.99%	(\$7,000,000)	40.29%
Total Receipts	\$3,544,425	37.35%	(\$3,895,701.62)	40.61%	(\$3,032,273.48)	-31.07%	(\$6,354,105.25)	36.58%
Previous Year Carryover Balance	\$5,938,026	65.27%	\$5,692,099.97	59.33%	12,792,060.52	131.07	\$23,703,441.74	136.45
Cancelled Checks	\$7,965.29	0.08%	\$6,243.42	0.07%	\$37.64	0.00	\$22,703.00	0.13
Total Funds Available	\$9,490,417.16	100.00%	\$9,594,045.01	100	\$9,759,824.68	100	\$17,372,039.49	100

Source: Kansas Insurance Department

Table 3-4
Workers Compensation Insurance Experience

Year	Direct Premiums Written	Direct Premiums Earned	Direct Losses Paid	Direct Losses Incurred	Losses Paid to Premiums Written	Losses Incurred to Premiums Earned
1982	\$154,944,245	\$152,315,135	\$88,345,714	\$107,979,341	57.00	70.90
1983	\$147,137,981	\$148,669,330	\$96,289,968	\$115,282,150	65.40	77.50
1984	\$141,097,428	\$140,223,325	\$106,701,375	\$125,520,390	75.60	89.50
1985	\$172,985,620	\$170,955,138	\$120,755,675	\$147,438,366	69.80	86.20
1986	\$208,167,277	\$202,033,619	\$134,554,116	\$170,153,475	64.60	84.20
1987	\$223,674,161	\$222,846,661	\$147,885,631	\$195,885,084	66.10	87.90
1988	\$257,039,527	\$259,548,305	\$164,553,813	\$208,332,654	64.00	80.30
1989	\$264,102,264	\$263,386,009	\$184,857,801	\$239,142,874	70.00	90.80
1990	\$291,804,714	\$293,048,038	\$222,309,953	\$265,726,660	76.20	90.70
1991	\$341,012,872	\$337,125,586	\$243,751,957	\$321,497,577	71.50	95.40
1992	\$366,672,022	\$363,578,560	\$236,878,948	\$293,894,584	64.60	80.80
1993	\$367,030,245	\$365,646,558	\$220,091,021	\$231,228,324	60.00	63.20
1994	\$338,173,750	\$312,116,539	\$185,502,395	\$192,914,048	54.90	61.80
1995	\$312,745,351	\$322,205,785	\$159,776,412	\$139,528,898	51.10	43.30
1996	\$274,014,862	\$282,897,458	\$149,616,189	\$130,595,593	54.60	46.20
1997	\$261,121,536	\$261,895,503	\$145,248,549	\$134,603,154	55.60	51.60
1998	\$250,588,819	\$261,594,835	\$156,594,835	\$126,164,370	62.60	48.20
1999	\$251,341,523	\$252,545,287	\$170,144,109	\$179,376,781	67.70	71.00
2000	\$271,480,320	\$247,235,161	\$170,366,708	\$159,226,348	62.80	64.40
2001	\$291,575,463	\$269,386,691	\$190,426,537	\$237,335,832	65.31	88.10
2002	\$328,963,003	\$307,451,748	\$180,253,738	\$177,083,631	54.79	57.60
2003	\$341,421,177	\$324,780,102	\$173,028,718	\$205,767,268	50.68	63.36
2004	\$365,486,978	\$355,877,798	\$182,102,645	\$242,335,187	49.82	68.10

Source: Kansas Insurance Department

Workers Compensation Insurance Experience

The Kansas Insurance Department reports that the total direct paid losses by private insurance carriers² for the calendar year 2004 were \$182,102,645, an increase of \$9,073,927 from the previous year (see Table 3-4). However, total paid losses were still well below the 22-year peak of \$243,751,957 in 1991. In July 2005, the National Academy of Social Insurance released the results of a comparative study on accident-year incurred losses versus calendar year benefits by private insurance carriers and state funds in thirty-six states (including Kansas) over the period 1997-2003.³ The cumulative percent change in accident incurred losses and calendar year benefits paid for the period of study was a 30.3 percent increase and a 32.4 percent increase, respectively (not controlled for inflation). In comparison to the other 35 states, Kansas accident year incurred losses for 1997-2003 increased by 52.9 percent. Calendar year benefits paid for Kansas for 1997-2003 increased by 19.1 percent.

² The totals in Table 3-4 does not include self-insured employers.

³ Ishita Sengupta, Virginia P. Reno, and John F. Burton Jr., *Workers Compensation: Benefits, Coverage, and Costs, 2003* (Washington D.C.: National Academy of Social Insurance, 2005); 36-40.

Table 3-5
Employer Workers Compensation Costs 1998-2003

		Non- Inflation Adjusted Total Wages Kansas	Inflation Adjusted Total Wages Kansas	Inflation Adjusted Average Annual Increase 1998- 2003*	Inflation Adjusted Total Increase 1998- 2003*	Premiums as % of Total Wages	Average Annual Increase 1998- 2003*	Total Increase 1998- 2003*
Total Wages for Kansas				0.90%	4.30%			
	1998	\$34,480,895,902	\$38,771,145,623					
	1999	\$36,405,814,885	\$39,850,410,747					
	2000	\$38,546,008,818	\$40,827,737,832					
	2001	\$39,787,033,805	\$41,503,458,505					
	2002	\$40,181,390,263	\$40,944,134,953					
	2003	\$40,450,524,720	\$40,450,524,720					
Total Premiums Earned for Kansas				2.20%	10.40%			
	1998	\$261,594,835	\$294,143,501					
	1999	\$252,545,287	\$276,440,273					
	2000	\$247,235,161	\$261,870,234					
	2001	\$269,386,691	\$281,008,115					
	2002	\$307,451,748	\$313,287,962					
	2003	\$324,780,102	\$324,780,102					
Premiums as a Percentage of Total Wages- Kansas							1.50%	5.80%
	1998					0.76%		
	1999					0.69%		
	2000					0.64%		
	2001					0.68%		
	2002					0.77%		
	2003					0.80%		
Premiums as a Percentage of Total Wages- U.S.							8.70%	-3.70%
	1998					2.17%		
	1999					2.11%		
	2000					1.90%		
	2001					1.87%		
	2002					1.03%		
	2003					2.09%		

*Negative percentage indicates a decrease

Employer Workers Compensation Costs 1998-2003

For the first time this year the division has calculated and published standard measures of employers costs for workers compensation, statewide, adjusting for inflation over the period 1998-2003 (see Table 3-5).

- Wages have increased, adjusting for inflation, on average 0.9 percent per year from 1998-2003. During this same time frame, total premiums paid for workers compensation insurance has rose, on average, 2.4 percent per year.
- Premiums as a percentage of wages in Kansas, common statistic for measuring employer's costs, increased at an annual average rate of 1.5 percent from 1998-2003. This measure is controlled for inflation.
- Premiums as a percentage of wages in the entire United States, however, increased at an annual average rate of 8.7 percent from 1998-2003. This measure too is controlled for inflation.

The Kansas Closed Claims Study (CCS)

The Workers Compensation Act requires that employers (or their insurers) submit a first report of injury to the division. Not every injury, however, results in a claim by the injured worker for medical and/or indemnity compensation. Generally the division becomes aware of a claim and obtains information that a given claim has closed, and about the costs and duration of that claim, through only two means. One occurs when that claim has been litigated through the division's administrative law court system. The second occurs when a sample of insurers are required by statute to provide information to the division.

K.S.A. 44-557a(c) originally mandated that the Director of Workers Compensation "conduct studies of open and closed claims under the Workers Compensation Act" and seek advice in order to "make valid statistical conclusions as to the distributions of costs of workers compensation benefits." The expectation of the division's Open and Closed Claims Study was that the data collected will provide a foundation upon which to construct meaningful statistical conclusions about the costs and temporal characteristics associated with workers compensation claims in Kansas and identify trends in these claims characteristics over time. Due to the dynamic and continually evolving nature of medical and indemnity payments for claims not yet closed (open claims), no meaningful statistics on costs (including daily payments) could be reported, and in 2003 the Legislature altered the statute to no longer obligate the division to collect data on and report for claims still open.

The CCS study is repeated on an annual basis using the first completed survey study as a baseline for comparison of successive samples. The intent of this statutory mandate is that the division should provide the legislature with information that it can use in deciding whether changes in the provisions of the Workers Compensation Act are needed and, if so, to help formulate policy responses to identified problems with the program as presently administered.

The 2005 Closed Claims Study (CCS)

The 2005 Closed Claim Study (CCS) marks the sixth consecutive year that the division has collected claims data directly from a stratified random sample of insurance carriers, self-insured organizations and group-funded pools underwriting workers compensation in the state of Kansas (see Appendix). The following section summarizes the findings of the CCS for the 2004 calendar year.

Highlights from the 2005 Closed Claims Study

- For the 2005 closed claims sample, the mean total indemnity cost was \$9,555.47. The median total indemnity cost for the same sample of closed claims was \$3,233 indicating that there were a fair number of claims with large indemnity payouts that skewed the mean indemnity costs higher than the median (See Table 3-6).
- The mean total medical cost for closed claims was \$10,336.4 (see Table 3-6). Out of this total, the mean hospital cost was \$10,336.4, the mean total payment to physicians was \$3,011.2, and the mean cost categorized as “other medical” was \$3,293. As with indemnity claims, the median claim total medical expense was only \$4,927, indicating the presence of a considerable number of large medical claims that skewed the mean total cost higher than the median.
- The median duration of a claim was 391 days. See Table 3-7.
- It took an average of 21 days for an insurer to be notified following an accident, with half of the sample taking six days or less for notification. Insurers took an average of 82 days from the date disability began to make the first payment to the claimant (it took only 15 days for half of all claims). See Table 3-7 below.
- Median medical recovery time for 2005 was 193 days, and median time away from work was 30 days.

Table 3-6
2005 CCS: Workers Compensation Claims in Kansas

	Univariate Statistics							n
	Mean	Standard Error	Median	Standard Deviation	Skewness	Kurtosis	Coefficient of Variation	
Total Cost of Claim (dollars)	19,891.88	850.95	9,715.00	29,904.65	3.70	19.11	150.34	1,235
Total Indemnity (dollars)	9,555.47	440.61	3,223.00	15,484.19	3.24	13.04	162.05	1,235
Total Medical (dollars)	10,336.40	526.00	4,927.00	18,481.42	5.54	44.27	178.80	1,235
Total Physician Costs (dollars)	3,011.20	143.17	1,501.50	4,893.05	5.65	51.95	162.49	1,168
Total Hospital Costs (dollars)	6,114.34	405.04	2,667.50	12,352.14	7.00	71.90	202.02	930
Total Other Medical (dollars)	3,293.00	168.37	1,184.00	5,429.66	3.43	16.09	164.89	1,040
Claim Duration (days)	555.25	14.71	391.00	517.08	1.86	4.96	93.13	1,235
Time Away from Work (days)	88.34	7.55	30.00	190.73	6.16	61.14	215.91	638
Medical Recovery (days)	329.95	11.70	193.00	380.24	2.45	10.22	115.24	1,057

Source: Kansas Division of Workers Compensation

*Claims that closed in 2004 with paid indemnity & medical.

Table 3-7
2005 Closed Claims
Time Intervals*

	Claim Duration	Time Taken to Notify Insurer	Time Taken for Insurer to Get First Payment Out	Time Off Work
Mean	555	21	82	88
Median	391	6	15	30
Count	1,235	1,235	815	638
Max	3,950	1,198	1,904	2,691
Min	4	0	1	1

Source: Kansas Division of Workers Compensation

*All time intervals listed are in days.

- Thirty percent of the injured workers in the sample had secured the services of an attorney to handle their claim. The median indemnity costs for claims involving an attorney were \$12,214.5 while claims without an attorney had median indemnity costs of \$2,011. See Table 3-8.
- Mean total medical costs for claims involving an attorney totaled \$8,655. For claims not involving attorneys, mean total medical costs were \$3,653. Mean lump sum settlements for claims involving attorneys (\$10,000) were far greater than for claims without attorneys (\$5,464.5). See Table 3-8.
- It is important to note that these statistics in no way offer statistical proof that the presence of an attorney causes greater indemnity or medical payments.

Table 3-8
2005 Closed Claims
Attorney Involvement with Claim

	Count	Median Indemnity	Median Medical	Median Lump Sum*
Claimant Attorney Involved	374	\$12,214.50	\$8,655	\$10,000.00
No Claimant Attorney	861	\$2,011.00	\$3,653	\$5,464.50
All Cases	1,235	\$3,233.00	\$4,927	\$7,609.00

Source: Kansas Division of Workers Compensation

*only 340 cases in the sample had lump sum settlements

- Mean employer legal expenses, for the 549 claims that had these expenses reported, totaled \$3,201, while the mean claimant legal expense was \$22,351 for the 76 cases that itemized expenses. The respective median costs for employer and claimant legal expenses associated with a claim were \$759 and \$12,386. See Table 3-9.

Table 3-9
2005 Closed Claims
Legal Expenses Associated with Claim

	Employer's Legal Expenses	Claimant's Legal Expenses
Mean	\$3,201	\$22,351
Median	\$759	\$12,386
Count	549	76

Source: Kansas Division of Workers Compensation

Table 3-10
2005 CCS: Claim Costs by Part of Body Injured,
Nature, and Cause of Injury*

Part of Body Injured	Median Indemnity	Mean Indemnity	Median Medical	Mean Medical	n
Lower Back Area	\$1,563.00	\$7,822.40	\$600.00	\$3,085.10	32
Knee	\$3,542.00	\$5,420.30	\$6,705.00	\$5,614.30	24
Shoulder(s)	\$2,940.00	\$9,258.50	\$3,798.00	\$4,680.40	17
Abdomen	\$1,272.00	\$1,722.90	\$3,827.00	\$3,217.60	17
Ankle	\$563.00	\$2,894.60	\$1,269.50	\$1,821.40	14
Nature of Injury					
Strain	\$1,728.00	\$7,119.70	\$1,688.00	\$4,091.00	81
Fracture	\$2,064.00	\$6,282.30	\$1,428.00	\$3,028.60	25
Laceration	\$1,158.00	\$1,962.10	\$2,909.00	\$3,386.10	19
Sprain	\$1,080.00	\$3,675.80	\$2,378.00	\$4,426.00	17
Contusion	\$1,377.00	\$1,764.90	\$1,131.00	\$3,142.20	17
Cause of Injury					
Lifting	\$1,233.00	\$3,614.10	\$2,813.00	\$3,601.40	45
Pushing or Pulling	\$2,763.50	\$11,384.00	\$3,401.50	\$4,551.50	20
Strain or Injury by NOC	\$3,269.00	\$5,309.00	\$3,230.00	\$4,903.20	15
Repetitive Motion	\$9,804.00	\$13,693.00	\$4,300.50	\$4,664.80	12
Fall, Slip, or Trip on Same Level	\$5,586.00	\$6,854.50	\$4,793.00	\$5,012.10	10

Source: Kansas Division of Workers Compensation

*Top five part of body, nature, and cause of injury categories reported

- The most frequently injured part of body was the low back area, followed by the knee, shoulders, abdomen and ankle areas. In previous years we aggregated all specific part of body codes into “major body regions” which consisted of all the body parts condensed into much broader categories. We have discounted this practice as much specificity was lost in the process. However, both the highest median indemnity and medical were with claims involving the knee (\$3,542), and the highest median medical costs were with claims involving the shoulder (\$6,705). See Table 3-10.
- Strains were the most numerous in the nature of the worker’s injury classification in this year’s sample. The second most common injury was fractures, followed by lacerations. See Table 3-10 for average indemnity and medical costs.
- Lifting was the most frequent cause of injury resulting in a claim for this year’s study. However, of the top five most frequent causes of injury, those classified as repetitive motion reported the highest average indemnity costs (\$9,804) and falls, trips or slips had the highest median medical costs (\$4,793). See Table 3-10.

Table 3-11
2005 CCS: Claim Costs by Part of
Body Injured

Part of Body	Variable	Median
Brain	Total Cost of Claim	2,748
	Total Indemnity	123
	Total Medical	2,625
	Total Hospital	1,236
	Total Physician	1,389
	Total Other Medical	
	Claim Duration	106
	Medical Recovery	
	Time Away from Work	
	Total Lump Sum	
	Settlement	
Ear(s)	Total Cost of Claim	9,406.0
	Total Indemnity	8,017.0
	Total Medical	125.0
	Total Hospital	
	Total Physician	125.0
	Total Other Medical	3,000.0
	Claim Duration	556.5
	Medical Recovery	
	Time Away from Work	
	Total Lump Sum	
	Settlement	
Multiple Neck Injury	Total Cost of Claim	34,503
	Total Indemnity	28,684
	Total Medical	5,819
	Total Hospital	1,953
	Total Physician	3,661
	Total Other Medical	204
	Claim Duration	615
	Medical Recovery	
	Time Away from Work	
	Total Lump Sum	
	Settlement	

Source: Kansas Division of Workers Compensation

Table 3-11 continued
2005 CCS: Claim Costs by Part of
Body Injured

Part of Body	Variable	Median
<hr/> Spinal Cord <hr/>		
	Total Cost of Claim	2,500
	Total Indemnity	1,322
	Total Medical	1,178
	Total Hospital	
	Total Physician	
	Total Other Medical	1,178
	Claim Duration	17
	Medical Recovery	
	Time Away from Work	
	Total Lump Sum	
	Settlement	
<hr/> Multiple Upper Extremities <hr/>		
	Total Cost of Claim	8,238.0
	Total Indemnity	3,616.5
	Total Medical	1,938.0
	Total Hospital	1,449.5
	Total Physician	1874
	Total Other Medical	364.0
	Claim Duration	317.0
	Medical Recovery	194.0
	Time Away from Work	
	Total Lump Sum	
	Settlement	
<hr/> Upper Arm <hr/>		
	Total Cost of Claim	6,111.0
	Total Indemnity	3,708.0
	Total Medical	6010
	Total Hospital	26,773.5
	Total Physician	1,183.0
	Total Other Medical	217.0
	Claim Duration	115.0
	Medical Recovery	
	Time Away from Work	
	Total Lump Sum	
	Settlement	

Source: Kansas Division of Workers Compensation

Table 3-11 continued
2005 CCS: Claim Costs by Part of
Body Injured

Part of Body	Variable	Median
Elbow		
	Total Cost of Claim	8,161.5
	Total Indemnity	4,695.0
	Total Medical	3,466.5
	Total Hospital	2,733.5
	Total Physician	3,780.0
	Total Other Medical	253.5
	Claim Duration	210.0
	Medical Recovery	192.0
	Time Away from Work	
	Total Lump Sum Settlement	5,000.0
Lower Arm		
	Total Cost of Claim	4,213.5
	Total Indemnity	1,817.5
	Total Medical	2,702.5
	Total Hospital	2,850.0
	Total Physician	1,063.0
	Total Other Medical	159.0
	Claim Duration	214.0
	Medical Recovery	146.0
	Time Away from Work	10.0
	Total Lump Sum Settlement	
Wrist		
	Total Cost of Claim	8,837
	Total Indemnity	7,344
	Total Medical	2,383
	Total Hospital	3,207
	Total Physician	1,755
	Total Other Medical	627
	Claim Duration	434
	Medical Recovery	361
	Time Away from Work	
	Total Lump Sum Settlement	

Source: Kansas Division of Workers Compensation

Table 3-11 continued
2005 CCS: Claim Costs by Part of
Body Injured

Part of Body	Variable	Median
<hr/> Hand <hr/>		
	Total Cost of Claim	5,974.5
	Total Indemnity	1,564.5
	Total Medical	4,284.5
	Total Hospital	1,652.5
	Total Physician	708.0
	Total Other Medical	42.0
	Claim Duration	248.0
	Medical Recovery	152.0
	Time Away from Work	
	Total Lump Sum Settlement	
<hr/> Finger(s) <hr/>		
	Total Cost of Claim	4,557.5
	Total Indemnity	1,078.5
	Total Medical	2,628.5
	Total Hospital	2,546.0
	Total Physician	1,108.5
	Total Other Medical	151.0
	Claim Duration	216.0
	Medical Recovery	81.0
	Time Away from Work	
	Total Lump Sum Settlement	
<hr/> Thumb <hr/>		
	Total Cost of Claim	5,981.5
	Total Indemnity	2,401.0
	Total Medical	2,550.0
	Total Hospital	2,424.0
	Total Physician	1,361.0
	Total Other Medical	116.0
	Claim Duration	131.0
	Medical Recovery	
	Time Away from Work	
	Total Lump Sum Settlement	

Source: Kansas Division of Workers Compensation

Table 3-11 continued
2005 CCS: Claim Costs by Part of Body Injured

Part of Body	Variable	Median
<hr/> Shoulder(s)		
	Total Cost of Claim	9,762.0
	Total Indemnity	2,940.0
	Total Medical	3,798.0
	Total Hospital	3,681.0
	Total Physician	1,678.5
	Total Other Medical	3,87.5
	Claim Duration	184.0
	Medical Recovery	196.0
	Time Away from Work	6.0
	Total Lump Sum Settlement	90,000.0
<hr/> Wrist(s) & Hand(s)		
	Total Cost of Claim	3,397.0
	Total Indemnity	1,200.0
	Total Medical	3,085.0
	Total Hospital	1,965.0
	Total Physician	2,577.0
	Total Other Medical	68.5
	Claim Duration	255.0
	Medical Recovery	211.5
	Time Away from Work	
	Total Lump Sum Settlement	
<hr/> Multiple Trunk		
	Total Cost of Claim	802
	Total Indemnity	766
	Total Medical	440
	Total Hospital	704
	Total Physician	440
	Total Other Medical	1,775
	Claim Duration	230
	Medical Recovery	
	Time Away from Work	
	Total Lump Sum Settlement	

Source: Kansas Division of Workers Compensation

Table 3-11 continued
2005 CCS: Claim Costs by Part of
Body Injured

Part of Body	Variable	Median
Upper Back Area		
	Total Cost of Claim	16,514
	Total Indemnity	2,227
	Total Medical	14,287
	Total Hospital	10,299
	Total Physician	3,936
	Total Other Medical	51
	Claim Duration	285
	Medical Recovery	
	Time Away from Work	
	Total Lump Sum Settlement	
Lower Back Area		
	Total Cost of Claim	5,168.0
	Total Indemnity	1,563.0
	Total Medical	600
	Total Hospital	2,062.5
	Total Physician	444.0
	Total Other Medical	655.0
	Claim Duration	148.0
	Medical Recovery	15.0
	Time Away from Work	1.0
	Total Lump Sum Settlement	30,000.0
Disc		
	Total Cost of Claim	43,434.5
	Total Indemnity	39,585
	Total Medical	3,849.5
	Total Hospital	2,833.0
	Total Physician	1,944.0
	Total Other Medical	488.5
	Claim Duration	577.0
	Medical Recovery	133.0
	Time Away from Work	
	Total Lump Sum Settlement	

Source: Kansas Division of Workers Compensation

Table 3-11 continued
2005 CCS: Claim Costs by Part of
Body Injured

Part of Body	Variable	Median
Chest		
	Total Cost of Claim	1,772.0
	Total Indemnity	1,493.0
	Total Medical	1,205.0
	Total Hospital	369.0
	Total Physician	230.5
	Total Other Medical	624.0
	Claim Duration	108.0
	Medical Recovery	98.0
	Time Away from Work	
	Total Lump Sum Settlement	
Pelvis		
	Total Cost of Claim	3,994
	Total Indemnity	1,021
	Total Medical	1,300
	Total Hospital	5,778
	Total Physician	1,266
	Total Other Medical	33
	Claim Duration	84
	Medical Recovery	49
	Time Away from Work	33
	Total Lump Sum Settlement	
Internal Organs		
	Total Cost of Claim	7,159.5
	Total Indemnity	1,839.5
	Total Medical	5,320.0
	Total Hospital	3,810.5
	Total Physician	1,501.5
	Total Other Medical	12.0
	Claim Duration	96.5
	Medical Recovery	48.0
	Time Away from Work	
	Total Lump Sum Settlement	

Source: Kansas Division of Workers Compensation

Table 3-11 continued
2005 CCS: Claim Costs by Part of Body Injured

Part of Body	Variable	Median
<hr/> Multiple Lower Extremities <hr/>		
	Total Cost of Claim	905.0
	Total Indemnity	449.0
	Total Medical	684.0
	Total Hospital	504.5
	Total Physician	774.0
	Total Other Medical	169.0
	Claim Duration	102.0
	Medical Recovery	
	Time Away from Work	
	Total Lump Sum Settlement	
<hr/> Upper Leg <hr/>		
	Total Cost of Claim	1,786.0
	Total Indemnity	881.5
	Total Medical	904.5
	Total Hospital	411.0
	Total Physician	213.0
	Total Other Medical	561.0
	Claim Duration	60.0
	Medical Recovery	
	Time Away from Work	
	Total Lump Sum Settlement	
<hr/> Knee <hr/>		
	Total Cost of Claim	10,191.0
	Total Indemnity	3,542.0
	Total Medical	6,705.0
	Total Hospital	2,756.5
	Total Physician	2,078.0
	Total Other Medical	400.0
	Claim Duration	211.0
	Medical Recovery	102.0
	Time Away from Work	
	Total Lump Sum Settlement	4,250.0

Source: Kansas Division of Workers Compensation

Table 3-11 continued
2005 CCS: Claim Costs by Part of
Body Injured

Part of Body	Variable	Median
<hr/> Lower Leg <hr/>		
	Total Cost of Claim	2,331
	Total Indemnity	812
	Total Medical	1,406
	Total Hospital	375
	Total Physician	571
	Total Other Medical	1,519
	Claim Duration	51
	Medical Recovery	41
	Time Away from Work	
	Total Lump Sum Settlement	
<hr/> Ankle <hr/>		
	Total Cost of Claim	2,316.5
	Total Indemnity	563.0
	Total Medical	1,269.5
	Total Hospital	572.0
	Total Physician	578.0
	Total Other Medical	234.0
	Claim Duration	107.0
	Medical Recovery	38.0
	Time Away from Work	
	Total Lump Sum Settlement	
<hr/> Foot <hr/>		
	Total Cost of Claim	2,368.0
	Total Indemnity	1,440.5
	Total Medical	725.5
	Total Hospital	160.0
	Total Physician	706.0
	Total Other Medical	
	Claim Duration	162.5
	Medical Recovery	34.0
	Time Away from Work	
	Total Lump Sum Settlement	

Source: Kansas Division of Workers Compensation

Table 3-11 continued
2005 CCS: Claim Costs by Part of
Body Injured

Part of Body	Variable	Median
Toes		
	Total Cost of Claim	1,470.0
	Total Indemnity	1,242.0
	Total Medical	228.0
	Total Hospital	
	Total Physician	228.0
	Total Other Medical	
	Claim Duration	59.5
	Medical Recovery	
	Time Away from Work	
	Total Lump Sum Settlement	
Abdomen		
	Total Cost of Claim	4,579
	Total Indemnity	1,272
	Total Medical	3,827
	Total Hospital	3,111
	Total Physician	1,348
	Total Other Medical	50
	Claim Duration	87
	Medical Recovery	70
	Time Away from Work	
	Total Lump Sum Settlement	
Insufficient info- Unclassified		
	Total Cost of Claim	19,294
	Total Indemnity	7,100
	Total Medical	12,194
	Total Hospital	485
	Total Physician	6,317
	Total Other Medical	5,391
	Claim Duration	1,044
	Medical Recovery	
	Time Away from Work	
	Total Lump Sum Settlement	

Source: Kansas Division of Workers Compensation

Table 3-11 continued
2005 CCS: Claim Costs by Part of
Body Injured

Part of Body	Variable	Median
Multiple Body Parts (includes Body Systems & Body Parts)	Total Cost of Claim	3,008.0
	Total Indemnity	688.0
	Total Medical	2,488.0
	Total Hospital	1,271.0
	Total Physician	768.0
	Total Other Medical	465.0
	Claim Duration	154.0
	Medical Recovery	58.5
	Time Away from Work	
	Total Lump Sum Settlement	

Source: Kansas Division of Workers Compensation

Table 3-12**2005 CCS: Claim Costs by Cause of Injury**

Cause	Variable	Median
Machine or Machinery	Total Cost of Claim	4,548.5
	Total Indemnity	1,070.5
	Total Medical	2,963.5
	Total Hospital	3,421.5
	Total Physician	2,463.0
	Total Other Medical	720.0
	Claim Duration	115.5
	Medical Recovery	64.0
	Time Away from Work	10.0
	Total Lump Sum Settlement	
Hand Tool, Utensil; Not Powered	Total Cost of Claim	6,741.0
	Total Indemnity	992.5
	Total Medical	5,907.5
	Total Hospital	3,835.0
	Total Physician	1,178.0
	Total Other Medical	22.0
	Claim Duration	230.5
	Medical Recovery	
	Time Away from Work	
	Total Lump Sum Settlement	
Object Being Lifted or Handled	Total Cost of Claim	11,504.5
	Total Indemnity	9,355.0
	Total Medical	2,149.5
	Total Hospital	2,723.0
	Total Physician	1,511.0
	Total Other Medical	65.0
	Claim Duration	106.5
	Medical Recovery	119.0
	Time Away from Work	
	Total Lump Sum Settlement	

Source: Kansas Division of Workers Compensation

Table 3-12 continued

2005 CCS: Claim Costs by Cause of Injury

Cause	Variable	Median
Powered Hand Tool Appliance		
	Total Cost of Claim	4,578
	Total Indemnity	780
	Total Medical	3,798
	Total Hospital	1,537
	Total Physician	1,880
	Total Other Medical	
	Claim Duration	201
	Medical Recovery	76
	Time Away from Work	
	Total Lump Sum Settlement	
Caught, Puncture, Scrape, NOC		
	Total Cost of Claim	1,215
	Total Indemnity	412
	Total Medical	803
	Total Hospital	327
	Total Physician	403
	Total Other Medical	73
	Claim Duration	77
	Medical Recovery	
	Time Away from Work	
	Total Lump Sum Settlement	
From Different Level (Elevation)		
	Total Cost of Claim	2,192.0
	Total Indemnity	1,445.0
	Total Medical	1,095.0
	Total Hospital	243.0
	Total Physician	473.0
	Total Other Medical	230.5
	Claim Duration	82.0
	Medical Recovery	11.0
	Time Away from Work	
	Total Lump Sum Settlement	

Source: Kansas Division of Workers Compensation

Table 3-12 continued
2005 CCS: Claim Costs by Cause of Injury

Cause	Variable	Median
From Ladder or Scaffolding	Total Cost of Claim	5,162.5
	Total Indemnity	1885.0
	Total Medical	4357.0
	Total Hospital	2,041.5
	Total Physician	2,084.5
	Total Other Medical	518.5
	Claim Duration	94.5
	Medical Recovery	
	Time Away from Work	
	Total Lump Sum Settlement	
From Liquid or Grease Spills	Total Cost of Claim	2,121.0
	Total Indemnity	382.0
	Total Medical	1,201.5
	Total Hospital	573.5
	Total Physician	490.0
	Total Other Medical	1,118.0
	Claim Duration	118.5
	Medical Recovery	
	Time Away from Work	
	Total Lump Sum Settlement	
Into Openings	Total Cost of Claim	2,464.0
	Total Indemnity	1,027.5
	Total Medical	1,436.5
	Total Hospital	894.0
	Total Physician	230.5
	Total Other Medical	624.0
	Claim Duration	89.5
	Medical Recovery	
	Time Away from Work	
	Total Lump Sum Settlement	

Source: Kansas Division of Workers Compensation

Table 3-12 continued
2005 CCS: Claim Costs by Cause of Injury

Cause	Variable	Median
On Same Level		
	Total Cost of Claim	10,386.5
	Total Indemnity	5,586.0
	Total Medical	4,793.0
	Total Hospital	1,686.0
	Total Physician	2,697.5
	Total Other Medical	222.0
	Claim Duration	314.5
	Medical Recovery	204.0
	Time Away from Work	
	Total Lump Sum	
	Settlement	3,000.0
Slipped, Did Not Fall		
	Total Cost of Claim	2,422.5
	Total Indemnity	1,534.5
	Total Medical	1,340.5
	Total Hospital	920.0
	Total Physician	669.0
	Total Other Medical	360.0
	Claim Duration	150.0
	Medical Recovery	20.5
	Time Away from Work	
	Total Lump Sum	
	Settlement	
On Ice or Snow		
	Total Cost of Claim	2,600.0
	Total Indemnity	1,736.0
	Total Medical	775.0
	Total Hospital	364.5
	Total Physician	604.0
	Total Other Medical	3281.0
	Claim Duration	136.0
	Medical Recovery	179.0
	Time Away from Work	
	Total Lump Sum	
	Settlement	

Source: Kansas Division of Workers Compensation

Table 3-12 continued
2005 CCS: Claim Costs by Cause of Injury

Cause	Variable	Median
On Stairs		
	Total Cost of Claim	11,149.0
	Total Indemnity	2,937.0
	Total Medical	8,212.0
	Total Hospital	4,928.0
	Total Physician	2,592.0
	Total Other Medical	3,155.0
	Claim Duration	559.5
	Medical Recovery	645.0
	Time Away from Work	
	Total Lump Sum Settlement	
Collision or Sideswipe With Another Vehicle		
	Total Cost of Claim	6,314.0
	Total Indemnity	4,829.0
	Total Medical	1,485.0
	Total Hospital	1,271.0
	Total Physician	560.5
	Total Other Medical	577.0
	Claim Duration	389.0
	Medical Recovery	106.0
	Time Away from Work	
	Total Lump Sum Settlement	
Vehicle Upset		
	Total Cost of Claim	2,041.0
	Total Indemnity	566
	Total Medical	1,475.0
	Total Hospital	
	Total Physician	1,475.0
	Total Other Medical	
	Claim Duration	244
	Medical Recovery	
	Time Away from Work	
	Total Lump Sum Settlement	

Source: Kansas Division of Workers Compensation

Table 3-12 continued
2005 CCS: Claim Costs by Cause of Injury

Cause	Variable	Median
Continual Noise		
	Total Cost of Claim	8,885
	Total Indemnity	7,274
	Total Medical	125
	Total Hospital	
	Total Physician	125
	Total Other Medical	3,200
	Claim Duration	673
	Medical Recovery	
	Time Away from Work	
	Total Lump Sum Settlement	
Twisting		
	Total Cost of Claim	8,447.0
	Total Indemnity	2,133.5
	Total Medical	6,493.5
	Total Hospital	4,490.5
	Total Physician	2,122.5
	Total Other Medical	400.0
	Claim Duration	180.5
	Medical Recovery	96.5
	Time Away from Work	
	Total Lump Sum Settlement	
Holding or Carrying (Strain or Injury By)		
	Total Cost of Claim	4,567.0
	Total Indemnity	1,131.0
	Total Medical	2,282.0
	Total Hospital	
	Total Physician	3,062.5
	Total Other Medical	83.0
	Claim Duration	295.0
	Medical Recovery	
	Time Away from Work	
	Total Lump Sum Settlement	

Source: Kansas Division of Workers Compensation

Table 3-12 continued
2005 CCS: Claim Costs by Cause of Injury

Cause	Variable	Median
Lifting (Strain or Injury By)		
	Total Cost of Claim	4,752.0
	Total Indemnity	1,233.0
	Total Medical	2,813.0
	Total Hospital	3,040.5
	Total Physician	494.5
	Total Other Medical	317.0
	Claim Duration	114.0
	Medical Recovery	70.0
	Time Away from Work	17.0
	Total Lump Sum Settlement	30,000.0
Pushing or Pulling (Strain or Injury By)		
	Total Cost of Claim	9,540.0
	Total Indemnity	2,763.5
	Total Medical	3,401.5
	Total Hospital	3,234.0
	Total Physician	1,935.0
	Total Other Medical	380.0
	Claim Duration	283.5
	Medical Recovery	175.5
	Time Away from Work	
	Total Lump Sum Settlement	90,000.0
Reaching (Strain or Injury By)		
	Total Cost of Claim	1,634.0
	Total Indemnity	935.0
	Total Medical	366.5
	Total Hospital	279.0
	Total Physician	341.0
	Total Other Medical	82.0
	Claim Duration	67.5
	Medical Recovery	15.0
	Time Away from Work	
	Total Lump Sum Settlement	

Source: Kansas Division of Workers Compensation

Table 3-12 continued
2005 CCS: Claim Costs by Cause of Injury

Cause	Variable	Median
Using Tool or Machinery (Strain or Injury By)	Total Cost of Claim	1,652
	Total Indemnity	691
	Total Medical	1,372
	Total Hospital	396
	Total Physician	976
	Total Other Medical	208
	Claim Duration	181
	Medical Recovery	55
	Time Away from Work	
	Total Lump Sum Settlement	
Strain or Injury by NOC	Total Cost of Claim	9,799
	Total Indemnity	3,269
	Total Medical	3,230
	Total Hospital	2,327
	Total Physician	1,405
	Total Other Medical	741
	Claim Duration	147
	Medical Recovery	180
	Time Away from Work	6
	Total Lump Sum Settlement	7,500
Object Being Lifted or Handled (Striking Against or Stepping On)	Total Cost of Claim	1,125.5
	Total Indemnity	520.0
	Total Medical	605.5
	Total Hospital	
	Total Physician	605.5
	Total Other Medical	
	Claim Duration	167.5
	Medical Recovery	86.0
	Time Away from Work	
	Total Lump Sum Settlement	

Source: Kansas Division of Workers Compensation

Table 3-12 continued
2005 CCS: Claim Costs by Cause of Injury

Cause	Variable	Median
Stationary Object (Striking Against or Stepping On)	Total Cost of Claim	2,860.0
	Total Indemnity	2,336.0
	Total Medical	672.0
	Total Hospital	1,968.0
	Total Physician	512.0
	Total Other Medical	86.5
	Claim Duration	202.0
	Medical Recovery	118.0
	Time Away from Work	
	Total Lump Sum Settlement	
Stepping on Sharp Object	Total Cost of Claim	9,970
	Total Indemnity	8,400
	Total Medical	1,570
	Total Hospital	220
	Total Physician	1,273
	Total Other Medical	76
	Claim Duration	168
	Medical Recovery	69
	Time Away from Work	
	Total Lump Sum Settlement	
Striking Against or Stepping On, NOC	Total Cost of Claim	1,529
	Total Indemnity	324
	Total Medical	1,205
	Total Hospital	459
	Total Physician	728
	Total Other Medical	17
	Claim Duration	220
	Medical Recovery	56
	Time Away from Work	
	Total Lump Sum Settlement	

Source: Kansas Division of Workers Compensation

Table 3-12 continued
2005 CCS: Claim Costs by Cause of Injury

Cause	Variable	Median
Fellow Worker; Patient (Struck or Injured By)	Total Cost of Claim	5,721.5
	Total Indemnity	1639.0
	Total Medical	4,082.5
	Total Hospital	5763.0
	Total Physician	1,200.5
	Total Other Medical	
	Claim Duration	347.0
	Medical Recovery	
	Time Away from Work	
	Total Lump Sum Settlement	
Falling or Flying Object (Struck or Injured By)	Total Cost of Claim	3,189.0
	Total Indemnity	341.0
	Total Medical	1,804.0
	Total Hospital	2,043.0
	Total Physician	944.0
	Total Other Medical	47.0
	Claim Duration	176.0
	Medical Recovery	113.5
	Time Away from Work	
	Total Lump Sum Settlement	
Hand Tool or Machine in Use (Struck or Injured By)	Total Cost of Claim	1,919.0
	Total Indemnity	549.0
	Total Medical	1,780.0
	Total Hospital	1,287.0
	Total Physician	794.0
	Total Other Medical	879.5
	Claim Duration	133.0
	Medical Recovery	
	Time Away from Work	
	Total Lump Sum Settlement	

Source: Kansas Division of Workers Compensation

Table 3-12 continued
2005 CCS: Claim Costs by Cause of Injury

Cause	Variable	Median
Motor Vehicle (Struck or Injured By)	Total Cost of Claim	1,106
	Total Indemnity	638
	Total Medical	468
	Total Hospital	
	Total Physician	468
	Total Other Medical	
	Claim Duration	52
	Medical Recovery	
	Time Away from Work	
	Total Lump Sum	
	Settlement	
Object Being Lifted or Handled (Struck or Injured By)	Total Cost of Claim	2,164.0
	Total Indemnity	1,282.0
	Total Medical	1,042.0
	Total Hospital	572.0
	Total Physician	573.0
	Total Other Medical	75.5
	Claim Duration	133.0
	Medical Recovery	
	Time Away from Work	
	Total Lump Sum	
	Settlement	
Struck or Injured, NOC	Total Cost of Claim	25,713.5
	Total Indemnity	17,110.0
	Total Medical	8,603.5
	Total Hospital	4,233.0
	Total Physician	7,306.0
	Total Other Medical	2,833.5
	Claim Duration	299
	Medical Recovery	
	Time Away from Work	
	Total Lump Sum	
	Settlement	

Source: Kansas Division of Workers Compensation

Table 3-12 continued
2005 CCS: Claim Costs by Cause of Injury

Cause	Variable	Median
<hr/> Repetitive Motion <hr/>		
	Total Cost of Claim	3,397
	Total Indemnity	312
	Total Medical	3,085
	Total Hospital	
	Total Physician	3,066
	Total Other Medical	19
	Claim Duration	387
	Medical Recovery	308
	Time Away from Work	
	Total Lump Sum Settlement	
<hr/>		
Repetitive Motion (Carpal tunnel syndrome) <hr/>		
	Total Cost of Claim	15,943.5
	Total Indemnity	9,804.0
	Total Medical	4,300.5
	Total Hospital	2935.0
	Total Physician	2963.0
	Total Other Medical	204.0
	Claim Duration	403.5
	Medical Recovery	597.0
	Time Away from Work	
	Total Lump Sum Settlement	
<hr/>		
Cumulative, NOC <hr/>		
	Total Cost of Claim	10,155.0
	Total Indemnity	9,501.0
	Total Medical	1,501.5
	Total Hospital	24,286.5
	Total Physician	668.0
	Total Other Medical	364.0
	Claim Duration	409.5
	Medical Recovery	132.0
	Time Away from Work	
	Total Lump Sum Settlement	

Source: Kansas Division of Workers Compensation

Table 3-12 continued
2005 CCS: Claim Costs by Cause of Injury

Cause	Variable	Median
Other-Misc., NOC	Total Cost of Claim	9,844.0
	Total Indemnity	4,664.0
	Total Medical	3,270.0
	Total Hospital	1,890.0
	Total Physician	2,300.0
	Total Other Medical	675.5
	Claim Duration	113.0
	Medical Recovery	82.0
	Time Away from Work	
	Total Lump Sum Settlement	

Source: Kansas Division of Workers Compensation

Table 3-13**2005 CCS: Claim Costs by Nature of Injury**

Cause	Variable	Median
Burn		
	Total Cost of Claim	419
	Total Indemnity	377
	Total Medical	42
	Total Hospital	
	Total Physician	
	Total Other Medical	42
	Claim Duration	20
	Medical Recovery	
	Time Away from Work	
	Total Lump Sum Settlement	
Concussion		
	Total Cost of Claim	2,748
	Total Indemnity	123
	Total Medical	2,625
	Total Hospital	1,236
	Total Physician	1,389
	Total Other Medical	
	Claim Duration	106
	Medical Recovery	
	Time Away from Work	
	Total Lump Sum Settlement	
Contusion		
	Total Cost of Claim	2,914
	Total Indemnity	1,377
	Total Medical	1,131
	Total Hospital	1,530
	Total Physician	768
	Total Other Medical	967
	Claim Duration	133
	Medical Recovery	204
	Time Away from Work	10
	Total Lump Sum Settlement	1,000

Source: Kansas Division of Workers Compensation

Table 3-13 continued

2005 CCS: Claim Costs by Nature of Injury

Cause	Variable	Median
Crushing		
	Total Cost of Claim	592.0
	Total Indemnity	334.5
	Total Medical	257.5
	Total Hospital	
	Total Physician	468.0
	Total Other Medical	47.0
	Claim Duration	35.5
	Medical Recovery	
	Time Away from Work	
	Total Lump Sum Settlement	
Dislocation		
	Total Cost of Claim	5,751
	Total Indemnity	2,887
	Total Medical	2,864
	Total Hospital	
	Total Physician	2,653
	Total Other Medical	211
	Claim Duration	201
	Medical Recovery	133
	Time Away from Work	
	Total Lump Sum Settlement	
Fracture		
	Total Cost of Claim	3,671
	Total Indemnity	2,064
	Total Medical	1,428
	Total Hospital	515
	Total Physician	896
	Total Other Medical	222
	Claim Duration	159
	Medical Recovery	69
	Time Away from Work	
	Total Lump Sum Settlement	

Source: Kansas Division of Workers Compensation

Table 3-13 continued
2005 CCS: Claim Costs by Nature of Injury

Cause	Variable	Median
Hearing Loss or Impairment		
	Total Cost of Claim	10,599
	Total Indemnity	7,274
	Total Medical	3,325
	Total Hospital	
	Total Physician	125
	Total Other Medical	3,200
	Claim Duration	673
	Medical Recovery	
	Time Away from Work	
	Total Lump Sum Settlement	
Hernia		
	Total Cost of Claim	4,665.5
	Total Indemnity	1,350.5
	Total Medical	3,847.5
	Total Hospital	3,367.0
	Total Physician	966.0
	Total Other Medical	12.0
	Claim Duration	88.0
	Medical Recovery	48.0
	Time Away from Work	
	Total Lump Sum Settlement	
Infection		
	Total Cost of Claim	2,164
	Total Indemnity	1,282
	Total Medical	882
	Total Hospital	191
	Total Physician	573
	Total Other Medical	116
	Claim Duration	161
	Medical Recovery	
	Time Away from Work	
	Total Lump Sum Settlement	

Source: Kansas Division of Workers Compensation

Table 3-13 continued

2005 CCS: Claim Costs by Nature of Injury

Cause	Variable	Median
Inflammation		
	Total Cost of Claim	7,390.0
	Total Indemnity	2,640.0
	Total Medical	4,651.0
	Total Hospital	3,086.0
	Total Physician	2,031.0
	Total Other Medical	352.5
	Claim Duration	102.0
	Medical Recovery	
	Time Away from Work	
	Total Lump Sum Settlement	
Laceration		
	Total Cost of Claim	4,578
	Total Indemnity	1,158
	Total Medical	2,909
	Total Hospital	2,424
	Total Physician	1,273
	Total Other Medical	94
	Claim Duration	181
	Medical Recovery	70
	Time Away from Work	
	Total Lump Sum Settlement	
Myocardial Infarction		
	Total Cost of Claim	1,032
	Total Indemnity	318
	Total Medical	714
	Total Hospital	579
	Total Physician	135
	Total Other Medical	
	Claim Duration	42
	Medical Recovery	
	Time Away from Work	
	Total Lump Sum Settlement	

Source: Kansas Division of Workers Compensation

Table 3-13 continued
2005 CCS: Claim Costs by Nature of Injury

Cause	Variable	Median
<hr/> Puncture <hr/>		
	Total Cost of Claim	10,805.0
	Total Indemnity	3,008.5
	Total Medical	5,656.0
	Total Hospital	2,723.0
	Total Physician	2,394.0
	Total Other Medical	167.0
	Claim Duration	183.0
	Medical Recovery	64.5
	Time Away from Work	
	Total Lump Sum Settlement	
<hr/> Rupture <hr/>		
	Total Cost of Claim	12,078.0
	Total Indemnity	4,146
	Total Medical	7,932
	Total Hospital	2,885.5
	Total Physician	1,988.0
	Total Other Medical	3,350.0
	Claim Duration	463.0
	Medical Recovery	381.5
	Time Away from Work	6.0
	Total Lump Sum Settlement	
<hr/> Sprain <hr/>		
	Total Cost of Claim	4,522
	Total Indemnity	1,080
	Total Medical	2,378
	Total Hospital	1,225
	Total Physician	1,430
	Total Other Medical	360
	Claim Duration	195
	Medical Recovery	132
	Time Away from Work	
	Total Lump Sum Settlement	6,250

Source: Kansas Division of Workers Compensation

Table 3-13 continued

2005 CCS: Claim Costs by Nature of Injury

Cause	Variable	Median
Strain	Total Cost of Claim	5,373
	Total Indemnity	1,728
	Total Medical	1,688
	Total Hospital	2,160
	Total Physician	1,059
	Total Other Medical	395
	Claim Duration	134
	Medical Recovery	98
	Time Away from Work	17
	Total Lump Sum Settlement	60,000
All other Specific Injuries, NOC	Total Cost of Claim	8,381.0
	Total Indemnity	2,820.5
	Total Medical	3,218.5
	Total Hospital	1,310.5
	Total Physician	1,758.5
	Total Other Medical	478.5
	Claim Duration	371.5
	Medical Recovery	111.0
	Time Away from Work	
	Total Lump Sum Settlement	
Loss of Hearing	Total Cost of Claim	8,885
	Total Indemnity	8,760
	Total Medical	125
	Total Hospital	
	Total Physician	125
	Total Other Medical	2,800
	Claim Duration	496
	Medical Recovery	
	Time Away from Work	
	Total Lump Sum Settlement	

Source: Kansas Division of Workers Compensation

Table 3-13 continued

2005 CCS: Claim Costs by Nature of Injury

Cause	Variable	Median
<hr/>		
Carpal Tunnel Syndrome		
	Total Cost of Claim	18,688.0
	Total Indemnity	9,890.0
	Total Medical	3,085.0
	Total Hospital	2,586.0
	Total Physician	3,066.0
	Total Other Medical	627.0
	Claim Duration	387.0
	Medical Recovery	308.0
	Time Away from Work	
	Total Lump Sum Settlement	
<hr/>		
All Other Cumulative Injury, NOC		
	Total Cost of Claim	6,915.0
	Total Indemnity	5,204.5
	Total Medical	1,710.5
	Total Hospital	347.0
	Total Physician	1,537.0
	Total Other Medical	
	Claim Duration	287.5
	Medical Recovery	
	Time Away from Work	
	Total Lump Sum Settlement	
<hr/>		
Multiple Injuries (Includes both Physical and Psychological)		
	Total Cost of Claim	2,041
	Total Indemnity	566
	Total Medical	1,475
	Total Hospital	
	Total Physician	1,475
	Total Other Medical	
	Claim Duration	244
	Medical Recovery	
	Time Away from Work	
	Total Lump Sum Settlement	

Source: Kansas Division of Workers Compensation

Table 3-14
2005 CCS: Indemnity Costs by Benefit Type

Benefit Type	Mean	Median	n
Temporary Total	\$8,994.30	\$2,495.00	943
Temporary Partial	\$2,774.10	\$324.00	11
Unscheduled Permanent Partial	\$13,079.00	\$8,054.00	169
Scheduled Permanent Partial	\$7,923.90	\$5,304.00	62
Permanent Total	\$710.00	\$710.00	2
Death	\$112,216.00	\$112,216.00	1
Lump Sum Settlements (Indemnity portion)	\$6,162.67	\$8,552.00	3

Source: Kansas Division of Workers Compensation

*Claims that closed in 2004 with paid indemnity & medical.

- Temporary total disability (TTD) claims had median indemnity costs of \$2,495, and were the most common type of claim in our sample (943). For the next two most frequent types of claims, the median total indemnity for unscheduled permanent partial claims (169) was \$8,054 and scheduled permanent partial (62) median totaled \$5,304. See Table 3-11.

Table 3-15
CCS: Workers Compensation Claims in Kansas*
Univariate Statistics

Variable	Indemnity Benefit Type	Mean	Standard Error	Median	Standard Deviation	Skewness	Kurtosis	Coefficient of Variation	n
Total Claim Cost	Death	116,516.00		116,516.00					1.00
	Permanent Total Disability	5,516.00	3,662.00	5,516.00	5,178.85			93.89	2.00
	Scheduled Permanent Partial	13,890.13	1,898.92	10,196.00	149,52.14	2.96	10.52	107.65	62.00
	Unscheduled Permanent Partial	29,367.23	2,777.57	16,806.00	36,108.47	2.90	9.82	122.95	169.00
	Temporary Total Injury	18,685.86	962.96	7,782.00	29,570.78	3.86	21.42	158.25	943.00
	Temporary Partial	7,038.55	2,807.32	1,783.00	9,310.84	1.53	1.13	132.28	11.00
	Indemnity Portion	20,005.66	2,867.82	13,600.50	19,022.94	2.18	4.76	95.09	44.00
	Lump Sum Settlement	12,077.33	5,401.35	15,351.00	9,355.42	-1.38		77.46	3.00
Total Indemnity	Death	112,216.00		112,216.00					1.00
	Permanent Total Disability	710.00	529.00	710.00	748.12			105.37	2.00
	Scheduled Permanent Partial	7,923.85	1,165.12	5,304.00	9,174.16	2.29	5.74	115.78	62.00
	Unscheduled Permanent Partial	13,079.41	1,105.68	8,054.00	14,373.83	1.90	3.52	110.00	169.00
	Temporary Total Injury	8,994.34	514.27	2,495.00	15,792.28	3.35	13.48	175.58	943.00
	Temporary Partial	2,774.09	1,473.36	324.00	4,886.58	2.37	5.56	176.15	11.00
	Indemnity Portion	10,341.11	1,922.02	6,394.00	12,749.23	4.10	21.26	123.29	44.00
	Lump Sum Settlement	6,162.67	2,456.64	8,552.00	4,255.02	-1.73		69.05	3.00
Total Medical	Death	4300.00		4,300.00					1.00
	Permanent Total Disability	4806.00	3,133.00	4,806.00	4,430.73			92.19	2.00
	Scheduled Permanent Partial	5966.27	916.02	3,597.00	7,212.74	2.99	11.65	120.89	62.00
	Unscheduled Permanent Partial	16,287.82	2,084.67	7,866.00	27,100.73	4.16	20.70	166.39	169.00
	Temporary Total Injury	9,691.52	562.61	4,310.00	17,276.68	5.68	49.82	178.27	943.00
	Temporary Partial	4,264.45	1,762.16	1,317.00	5,844.43	1.99	4.04	137.05	11.00
	Indemnity Portion	9,664.55	1,657.22	6,392.00	10,992.72	2.70	8.63	113.74	44.00
	Lump Sum Settlement	5,914.67	3,033.18	6,799.00	5,253.62	-0.74		88.82	3.00

Source: Kansas Division of Workers
Compensation

Table 3-15 continued
CCS: Workers Compensation Claims in Kansas*
Univariate Statistics

Variable	Indemnity Benefit Type	Mean	Standard Error	Median	Standard Deviation	Skewness	Kurtosis	Coefficient of Variation	n
Total Hospital	Death								
	Permanent Total Disability	2,263.50	1,417.50	2,263.50	2,004.65			88.56	2.00
	Scheduled Permanent Partial	4,270.53	1,035.00	2,640.00	6,035.05	3.77	16.63	141.32	34.00
	Unscheduled Permanent Partial	9,460.80	1,413.47	4,572.00	16,784.01	4.74	27.85	177.41	141.00
	Temporary Total Injury	5,680.63	429.79	2,352.00	11,628.15	7.72	91.38	204.7	732
	Temporary Partial	2,865.00	1,648.82	2,115.00	2,855.84	1.10		99.68	3.00
	Indemnity Portion	1,920.06	401.81	1,400.00	1,607.25	0.74	-0.80	83.71	16.00
	Lump Sum Settlement	2,251.50	763.50	2,551.50	1,079.75			42.32	2.00
Total Physician	Death								
	Permanent Total Disability	2,324.50	1,851.50	2,324.50	2,618.42			112.64	2.00
	Scheduled Permanent Partial	2,219.66	332.40	1,493.00	2,596.14	2.68	9.89	116.96	61.00
	Unscheduled Permanent Partial	4,938.88	597.45	2,906.00	7,627.77	5.22	36.79	154.44	163.00
	Temporary Total Injury	2,761.43	146.39	1,318.50	4,372.00	4.76	36.39	158.32	892.00
	Temporary Partial	805.75	310.51	541.50	878.25	1.92	4.11	109.00	8.00
	Indemnity Portion	2,337.49	433.86	1,661.00	2,709.48	3.23	13.78	115.91	39.00
	Lump Sum Settlement	3,732.67	2,212.42	3,405.00	3,832.02	0.38		102.66	3.00
Total Other Medical	Death	4,300.00		4,300.00					1.00
	Permanent Total Disability	217.00	136.00	217.00	192.33			88.63	2.00
	Scheduled Permanent Partial	1,941.37	257.05	1,262.50	1,743.42	1.27	1.10	89.80	46.00
	Unscheduled Permanent Partial	3,333.51	329.31	1,691.00	4,059.96	1.90	3.89	121.79	152.00
	Temporary Total Injury	3,176.63	196.80	1,044.00	5,506.89	3.52	16.72	173.36	783.00
	Temporary Partial	3,540.67	2,046.18	1,069.00	6,138.54	2.56	6.90	173.37	9.00
	Indemnity Portion	6,894.91	1,316.32	3,843.50	8,731.46	2.18	5.12	126.64	44.00
	Lump Sum Settlement	482.00	342.70	200.00	593.57	1.66		123.15	3.00
Lump Sum Settlement	Death								
	Permanent Total Disability								
	Scheduled Permanent Partial	10,132.25	3,057.32	5,690.50	8,647.42	0.99	-0.75	85.35	8.00
	Unscheduled Permanent Partial	10,192.20	1,011.90	6,956.00	11,313.37	2.17	5.37	111.00	125.00
	Temporary Total Injury	13,004.34	1,080.11	8,683.50	14,571.42	2.62	7.82	112.05	182.00
	Temporary Partial	1,203.00		1,203.00					1.00
	Indemnity Portion	10,253.55	2,726.14	7,772.00	12,786.74	3.53	14.33	124.71	22.00
	Lump Sum Settlement	4,901.00	3,651.00	4,901.00	5,163.29			105.35	2.00

Source: Kansas Division of Workers Compensation

Table 3-15 continued
CCS: Workers Compensation Claims in Kansas*

		Univariate Statistics							
Variable	Indemnity Benefit Type	Mean	Standard Error	Median	Standard Deviation	Skewness	Kurtosis	Coefficient of Variation	n
Claim Duration	Death	2,317.00		2,317.00					1.00
	Permanent Total Disability	273.50	119.50	273.50	169.00			61.79	2.00
	Scheduled Permanent Partial	661.63	55.93	599.00	440.40	1.97	5.04	66.56	62.00
	Unscheduled Permanent Partial	761.31	36.58	644.00	475.53	1.31	1.34	62.46	169.00
	Temporary Total Injury	511.99	17.15	302.00	526.64	2.05	5.95	102.86	943.00
	Temporary Partial	384.64	113.48	220.00	376.37	1.00	-0.24	97.85	11.00
	Indemnity Portion	549.32	44.13	516.00	292.70	1.60	3.51	53.28	44.00
	Lump Sum Settlement	659.33	279.02	398.00	483.27	1.72		73.30	3.00
Medical Recovery	Death								
	Permanent Total Disability	127.50	116.50	127.50	164.76			129.22	2.00
	Scheduled Permanent Partial	294.04	40.84	189.50	276.99	1.69	2.35	94.20	46.00
	Unscheduled Permanent Partial	407.37	31.14	308.00	380.13	2.25	5.80	93.31	149.00
	Temporary Total Injury	316.42	13.68	166.50	388.47	2.55	11.27	122.77	806.00
	Temporary Partial	289.00	114.10	139.00	322.73	1.29	0.46	111.67	8.00
	Indemnity Portion	359.81	45.03	366.00	295.28	1.75	5.19	82.07	43.00
	Lump Sum Settlement	486.67	325.86	220.00	564.41	1.65		115.97	3.00
Time Away From Work	Death								
	Permanent Total Disability								
	Scheduled Permanent Partial	24.89	15.75	1.00	93.19	4.64	22.66	374.46	35.00
	Unscheduled Permanent Partial	143.11	22.32	51.00	209.35	2.14	4.44	146.28	88.00
	Temporary Total Injury	78.77	8.38	31.00	184.55	7.79	89.54	234.28	485.00
	Temporary Partial	39.80	20.24	14.00	45.27	0.79	-2.08	113.74	5.00
	Indemnity Portion	144.14	44.57	37.00	209.03	1.71	2.38	145.02	22.00
	Lump Sum Settlement	440.00	354.20	178.00	613.50	1.57		139.43	3.00

Source: Kansas Division of Workers Compensation

Table 3-16
2005 CCS: Claim Costs For Repetitive Motion-Carpal Tunnel Syndrome Injuries

Cause of Injury	Median Indemnity	Mean Indemnity	Median Medical	Mean Medical	Median Total Costs	Mean Total Costs	n
Repetitive Motion-Carpal Tunnel Syndrome	\$9,804.00	\$13,693.00	\$4,300.50	\$4,664.80	\$15,944.00	\$18,358.00	12

Source: Kansas Division of Workers Compensation

- Carpal tunnel syndrome injuries had median indemnity costs of \$9,804 and median total medical costs of \$4,300.50. Median total costs for carpal tunnel claims totaled \$15,944. See Table 3-12.

Comparative Analysis of 1999-2004 CCS Claims Costs and Temporal Characteristics

K.S.A. 44-557a(c) mandates the Director of Workers Compensation “to conduct studies of open and closed claims under the Workers Compensation Act” and to seek advice in order to “make valid statistical conclusions as to the distributions of costs of workers compensation benefits.” The expectation of the division’s Closed Claims Study is that the data collected will provide a foundation upon which to construct meaningful statistical conclusions about the costs and temporal characteristics associated with workers compensation claims in Kansas and help identify trends in these claims characteristics over time. The CCS study is repeated on an annual basis using the first completed survey study as a baseline for comparison of successive samples. 2004 marks the sixth year that the division has reported its findings.

Univariate Statistics

Univariate statistics are important quantitative tools for describing the statistical distribution of workers compensation data. The term “univariate” refers to the presentation or analysis of one variable at a time and usually involves such descriptive statistics as frequency distributions, measures of central tendency (e.g., mean and median) and dispersion (e.g., variance and standard deviation). Important variables associated with workers compensation claims include the following:

- **total indemnity costs** for the claim
- **total medical costs** for the claim
- **total cost of the claim** (includes total medical and indemnity)
- **total physician, hospital and other medical costs** for the claim
- **claim duration** (calculated from date of injury to date of closing)⁴
- **time away from work** (calculated from date of disability to return to work date)
- **medical recovery time** for the claim (calculated from date of injury to date of maximum medical improvement)

These nine workers compensation variables will be analyzed in this section of the report. Some of the definitions for these variables differ slightly than those reported above. See Table 3-13.

- It is extremely important to note that after seven years of analyzing claims data from the sample study, the division has concluded that the distribution of medical and indemnity

claim costs in Kansas are not normally distributed and, therefore, the median is a more appropriate measure of central tendency for summarizing the closed claims costs data than the mean (“average”) since the median value is relatively unaffected by high cost outliers. A word of caution: none of these numbers has been controlled for inflation (see below for claim costs controlled for inflation).

- Median⁵ costs for all cost variables were substantially lower than the mean for all six years of the CCS study. Median total indemnity costs for 2004 were \$4,901 for the 2003 CCS study they were \$3,695 for the 2002 CCS study they were \$2,573 for the 2001 CCS they were \$2,296, an increase of 8.5 percent from 2000 (\$2,115), but a decrease of 21.5 percent from 1999 (\$2,926). For the period 1999-2003, median total indemnity costs increased 40 percent. Again, the relative increase is not controlled for inflation.
- Median total medical costs have risen each year that the CCS study has collected workers compensation claims data, a relative increase of 106 percent from 1999-2004. Median medical costs in 2004 were \$5,033; in 2003, median total medical costs were \$4,285.50; median total medical costs in 2002 were \$4,108.50; and in 2001, median costs were \$3,834.
- From 1999 to 2004, mean⁶ total indemnity increased by \$4,701.14 or 59 percent. The confidence interval of the parameter mean for 2004 is \$11,286.71 - \$13,987.75. Total indemnity in the 2003 study was \$9,288.44 +/- \$412.84, or between \$8,875.60 and \$9,701.28. For the 2002 study, mean indemnity was \$7,442.08 +/- \$307.06, or between \$7,135.02 and \$7,749.14. For 2001, mean indemnity was \$6,530.81 +/- \$228.65, or somewhere between \$6,302.16 and \$6,759.46. For the 2000 CCS sample, it was \$7,235.45 +/- \$264.76 or between \$6,970.69 and \$7,500.20 and for the 1999 CCS sample it was \$7936.09 +/- \$306.92 or between \$7,629.17 and \$8,243.01.
- Mean total medical costs, however, have risen 98.4 percent (\$5,758.31) over the past six years. Reported mean total medical costs for the 2004 sample were \$11,611.90 +/- \$1,026.30. For the 2003 CCS sample, mean medical costs were \$8,401.91 +/- \$405.68 or between \$7,996.23 and \$8,807.59. For the 2002 CCS sample, mean total medical costs were \$7,879.78 +/- \$332.67 or between \$7,547.11 and \$8,212.45. For 2001, mean costs were \$7,108.58 +/- \$232.69 (between \$6,857.89 and \$7,341.27); for 2000, mean medical costs were \$6,872.88 +/- \$280.39 (between \$6,592.49 and \$7,063.27); and for 1999 \$5,853.59 +/- \$277.05 (between \$5,576.54 and \$6,130.64). See Table 3-13.
- Univariate statistics associated with total physician, total hospital and total other medical costs for 1999-2004 are listed in Table 3-13.
- As with median claim costs, the median numbers of days for the temporal characteristics associated with the claim are substantially lower than the mean. Median claim duration for the 2004 sample was 489 days. For the 2003 sample it was 384.5, for 2002 it was 324.5, for 2001 it was 332 days, for 2000 it was 329 and for 1999 it was 314 days. For time away from work, the median number of days for 2004 was 35 days. For the 2003, 2002, 2001 and 2000 CCS it was 31 days, 47 days, 32 days and 29 days, respectively. Median medical recovery time was higher than time away from work but lower than

⁵ The median is simply the midpoint value (50th percentile) of the distribution, half of all values are above it and half are below it. The median is “resistant” to outliers, unlike the mean.

⁶ The mean is the arithmetic average of a set of numbers.

claim duration for all six years of the study (246 days in 2004, 163.5 days in 2003, 241.5 days in 2002, 174 days in 2001, 151 days in 2000 and 183 days in 1999). See Table 3-13.

- The mean claim duration for all claims in 2004 was 619.8 +/- 11 days. The 2003 CCS sample was 551.97 +/- 14.61 days. For the 2002 CCS sample, it was 500.49 +/- 13.04 days. For the 2001 CCS sample, mean claim duration was 449.83 +/- 9.19 days. See Table 3-13.
- Mean time away from work for the 2004 CCS sample was 272.2 days, +/- 87.26 days. The 2003 mean time away from work, calculated as the time from disability to the date the claimant returned to work, was 2,385.44 +/- 291.8 days. In 2002, mean time away from work was 124.77 +/- 6.9 days, for 2001 mean time away from work was 76.42 +/- 3.27 days, and it was 89.93 +/- 4.28 days in 2000. No data was available for the 1999 CCS sample. See Table 3-13.
- Mean medical recovery time for 2004 was 367.9 days, +/- 8.43 days. For 2003 it was 323.14 +/- 13.53, for 2002 it was 391.55 +/- 11.53 days, for 2001 it was 260.47 +/- 6.47 days, for the 2000 CCS sample it was 256.46 +/- 6.52 days, and in 1999 mean recovery time was 279.04 +/- 6.77 days. See Table 3-13.

Statistical measures of dispersion, such as the standard deviation or skewness, help explain how the outliers “inflate” the mean for both claim costs and characteristics variables. All nine variables show a positive skewness value (greater than zero) for all years of the CCS study. For all years, the sample distributions for claim costs and temporal variables have been positively skewed, or right skewed. Compared to a normally distributed variable, in the shape of a bell curve, the distribution of claim costs (for both indemnity and all medical variables) are skewed to the right, with most of the claims bunched near the left wall of the histogram while a relatively few claims extend the histogram out to the right and give it a long tail. Hence, we use the term right skewed or positively skewed because the values in the tail extend the distribution out into positive, not negative, values. A quantitative assessment of the skewness of a distribution can be calculated (see Tables 3-13), but it must be assessed in conjunction with another measure, the kurtosis or the tendency of the data to be distributed toward the ends or tails of the spread.

All nine variables show a positive skewness value (greater than zero) for all years of the CCS study. For a normally distributed variable, the kurtosis statistic would be close to zero.⁷ If the kurtosis measure is less than zero, then the distribution is referred to as “light tailed” and if greater than zero it is described as “heavy tailed.” Since the distributions of all the variables under study are asymmetrical (values cannot be less than zero), the kurtosis measures signals that there are a substantial number of outliers (high cost and large number of days) in the tails of the distribution for the variables under study (the kurtosis is much higher for some of the medical cost variables).

⁷ Actually, the kurtosis of the normal distribution is three but SAS software subtracts three from the calculation so that the reference point becomes zero, a more intuitively appealing number in their estimation.

Table 3-17
CCS: Workers Compensation Claims in Kansas*

Univariate Statistics

Calendar Year	Variable	Mean	Standard Error	Median	Standard Deviation	Skewness	Kurtosis	Coefficient of Variation	n
2004	Total Cost of Claim (dollars)	24,244.95	1,978.32	11,242.50	104,308.31	20.91	511.65	430.23	2,780
	Total Indemnity (dollars)	12,641.78	1,351.00	4,903.00	71,219.41	32.74	1,294.86	563.37	2,779
	Total Medical (dollars)	11,611.90	1,026.30	5,033.00	54,102.51	21.19	513.33	465.92	2,779
	Total Physician Costs (dollars)	3,357.92	225.12	1,811.00	11,617.40	24.84	735.95	345.97	2,663
	Total Hospital Costs (dollars)	7,698.89	909.94	2,751.00	41,439.79	18.63	384.22	538.26	2,074
	Total Other Medical (dollars)	2,873.14	374.45	986.00	18,148.43	41.88	1,915.81	631.66	2,349
	Claim Duration (days)	619.80	11.01	489.00	526.13	2.33	8.92	84.89	2,283
	Time Away from Work (days)	272.37	87.30	35.00	3,483.27	19.95	399.19	1,278.88	1,592
	Medical Recovery (days)	368.08	8.43	246.00	402.81	3.39	22.74	109.44	2,282
2003	Total Cost of Claim (dollars)	17,690.36	711.14	9,147.50	27,852.79	5.25	46.26	157.45	1,534
	Total Indemnity (dollars)	9,318.82	413.97	3,732.00	16,187.27	4.36	28.97	173.71	1,529
	Total Medical (dollars)	8,401.91	405.68	4,285.50	15,888.80	8.84	126.75	189.11	1,534
	Total Physician Costs (dollars)	2,802.84	129.60	1,433.00	4,300.40	5.20	47.54	153.43	1,101
	Total Hospital Costs (dollars)	4,383.59	290.22	2,008.00	8,614.33	7.81	91.15	196.51	881
	Total Other Medical (dollars)	2,127.50	154.13	780.00	4,972.91	14.56	326.46	233.74	1,041
	Claim Duration (days)	551.97	14.61	384.50	572.27	2.67	9.31	103.68	1,534
	Time Away from Work (days)	2,385.45	291.80	31.00	8,927.45	3.64	11.27	374.25	936
	Medical Recovery (days)	323.44	13.54	164.00	439.49	2.82	10.10	135.88	1,053
2002	Total Cost of Claim (dollars)	14,856.73	544.94	7,398.50	23,577.91	5.29	47.78	158.70	1,872
	Total Indemnity (dollars)	7,442.08	307.06	2,573.00	12,863.64	3.82	18.93	172.85	1,755
	Total Medical (dollars)	7,879.78	332.67	4,108.50	14,393.53	9.26	144.12	182.66	1,872
	Total Physician Costs (dollars)	2,072.15	77.65	1,202.00	2,828.64	5.28	53.14	136.51	1,327
	Total Hospital Costs (dollars)	3,902.37	189.37	2,327.50	5,897.96	5.12	42.04	151.14	970
	Total Other Medical (dollars)	2,120.92	260.95	874.00	9,020.72	30.02	985.84	425.32	1,195
	Claim Duration (days)	500.49	13.04	324.50	564.40	3.01	11.11	112.77	1,872
	Time Away from Work (days)	128.11	7.06	50.00	246.28	6.23	56.64	192.24	1,216
	Medical Recovery (days)	391.55	11.53	241.50	499.03	3.44	15.47	127.45	1,872

Source: Kansas Division of Workers Compensation

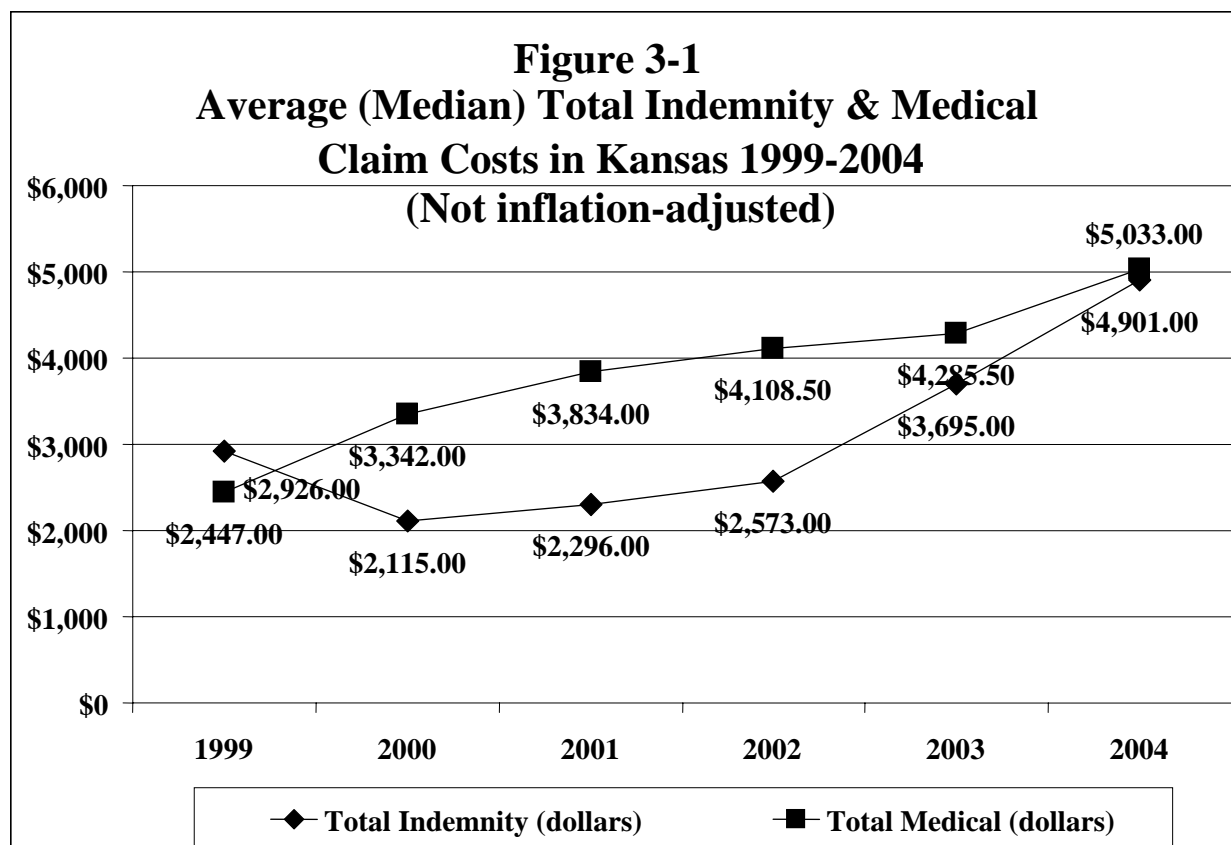
*Claims that closed with paid indemnity & medical.

Table 3-17 Continued
CCS: Workers Compensation Claims in Kansas*

Calendar Year	Variable	Univariate Statistics						Coefficient of Variation	n
		Mean	Standard Error	Median	Standard Deviation	Skewness	Kurtosis		
2001	Total Cost of Claim (dollars)	13,639.39	408.46	7,064.00	19,197.63	4.12	30.52	140.75	2,209
	Total Indemnity (dollars)	6,530.81	228.65	2,296.00	10,746.36	3.62	17.84	164.55	2,209
	Total Medical (dollars)	7,108.58	232.69	3,834.00	10,936.24	5.98	66.35	153.85	2,209
	Total Physician Costs (dollars)	2,282.25	66.81	1,351.50	3,077.74	4.14	29.34	134.86	2,122
	Total Hospital Costs (dollars)	4,314.73	187.53	2,300.00	7,594.41	8.94	140.10	176.01	1,640
	Total Other Medical (dollars)	2,136.52	103.46	683.00	4,353.92	7.59	105.57	203.79	1,771
	Claim Duration (days)	449.83	9.19	332.00	431.81	2.61	9.65	95.99	2,209
	Time Away from Work (days)	76.42	3.27	32.00	121.46	3.38	14.36	158.94	1,378
	Medical Recovery (days)	261.30	6.48	175.00	304.04	3.13	15.31	116.36	2,199
2000	Total Cost of Claim (dollars)	16,800.72	592.80	6,909.00	29,371.84	5.57	50.97	174.82	2,455
	Total Indemnity (dollars)	7,235.45	264.76	2,115.00	13,118.47	4.19	24.68	181.31	2,455
	Total Medical (dollars)	6,872.88	280.39	3,342.00	13,892.52	11.06	200.06	202.14	2,455
	Total Physician Costs (dollars)	2,770.01	131.20	1,369.00	6,409.96	23.59	833.40	231.41	2,387
	Total Hospital Costs (dollars)	4,215.40	200.59	2,051.50	8,231.63	10.06	175.24	195.28	1,684
	Total Other Medical (dollars)	1,603.54	93.34	557.00	4,144.81	10.76	175.05	258.48	1,972
	Claim Duration (days)	442.86	8.32	329.00	412.25	2.28	8.92	93.09	2,455
	Time Away from Work (days)	89.94	4.28	29.00	166.78	4.41	26.40	185.44	1,519
	Medical Recovery (days)	256.67	6.53	151.00	323.25	3.38	17.74	125.94	2,453
1999	Total Cost of Claim (dollars)	17,484.72	694.38	7,396.00	32,338.94	7.49	110.87	184.96	2,169
	Total Indemnity (dollars)	7,936.09	306.92	2,926.00	14,294.14	4.85	36.36	180.12	2,169
	Total Medical (dollars)	7,163.45	1,252.84	2,605.00	58,321.20	44.66	2,048.86	814.15	2,167
	Total Physician Costs (dollars)	2,039.81	68.55	1,042.00	3,128.68	4.31	28.36	153.38	2,083
	Total Hospital Costs (dollars)	3,612.86	171.30	1,655.00	6,538.48	6.41	68.60	180.98	1,457
	Total Other Medical (dollars)	1,777.74	221.00	517.50	9,371.18	35.10	1,383.89	527.14	1,798
	Claim Duration (days)	423.46	8.85	314.00	412.31	2.76	11.30	97.37	2,169
	Time Away from Work (days)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Medical Recovery (days)	280.47	6.79	184.50	315.42	3.07	15.40	112.46	2,158

Source: Kansas Division of Workers Compensation

*Claims that closed with paid indemnity & medical.



Total Claim Costs for CCS 1999-2005

The total costs for the claim were calculated for each year of the CCS and included:

- **total indemnity costs** for the claim
- **total medical costs** for the claim, which included the **total physician, hospital and other medical costs**

Median total claim costs per sample year are reported in Table 3-14. From calendar years 1998 to 2004 median total claim costs (the sum of total indemnity and medical) increased 31 percent, not controlling for inflation. Median total claim costs for 2004 were \$9,715. The indemnity percentage of the total claim costs per sample for 2004 was 74.04% while medical costs constituted, on average, 52% of the total costs.

Table 3-18
CCS Total Costs for Claims 1999-2005

Sample Year	Median Total Costs*	Percent Indemnity	Percent Medical
1998	7,396.00	52.58%	47.42%
1999	6,909.00	51.28%	48.72%
2000	7,064.00	47.88%	52.12%
2001	7,398.50	46.96%	53.04%
2002	9,147.50	52.51%	47.49%
2003	11,242.50	52.12%	47.88%
2004	9,715.00	48.04%	51.96%

Source: Kansas Division of Workers Compensation

*Sum of total incurred indemnity & medical per claim

Inflation-Adjusted Comparative Analysis

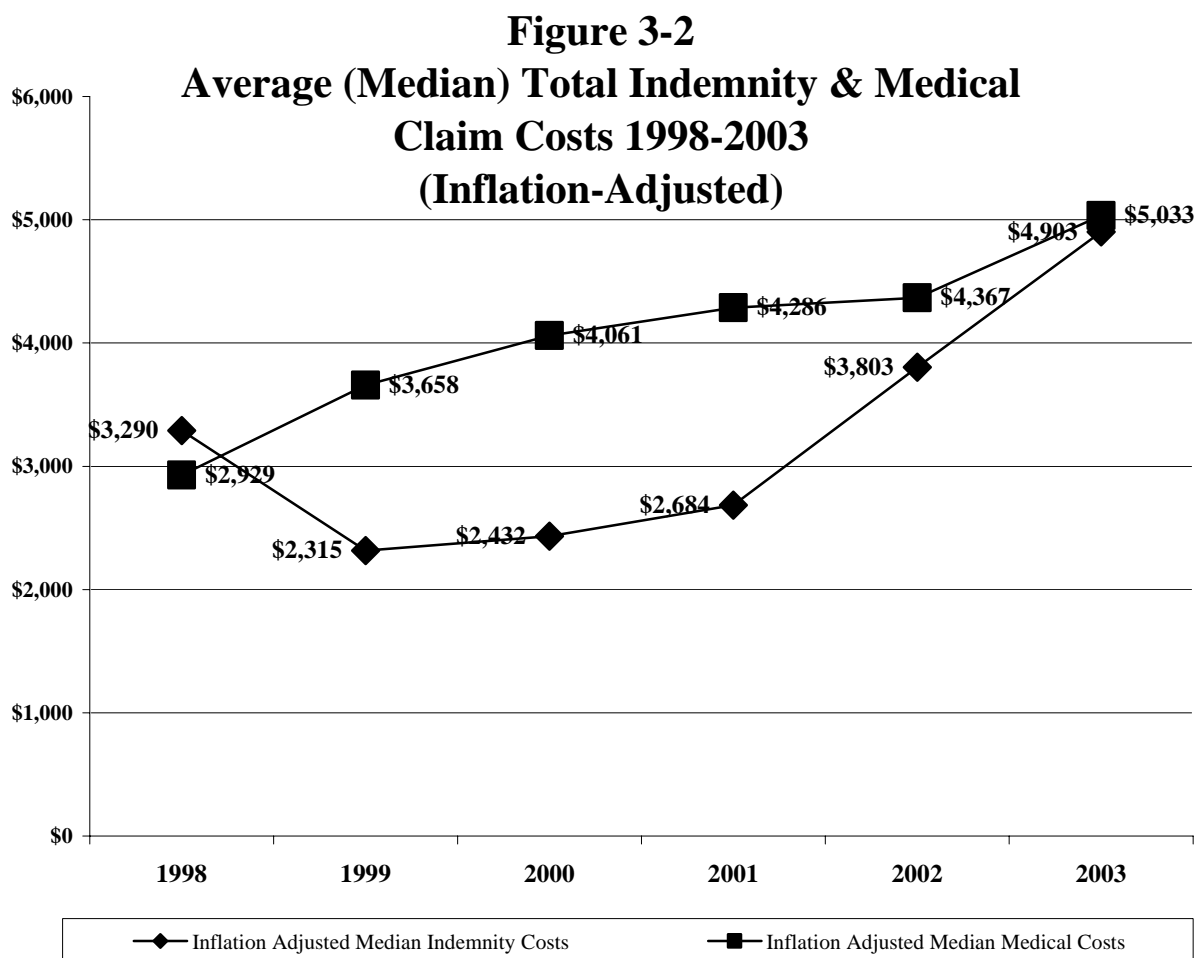
In order to compare claim costs over time, the division utilized standard statistical procedures to adjust for inflation. Every year, the value of the dollar to the average American consumer is driven down by inflation. This makes comparison of costs from year to year difficult to accurately interpret because the value of the dollar does not remain constant. In order to remedy this situation, the Bureau of Labor Statistics (BLS) has produced multiplying factors that are meant to “even out” cost data. These factors are referred to as Consumer Price Indexes, and when used properly in an inflation adjustment formula, allow the researcher to represent each year’s costs with a consistent dollar value. The highlights of this analysis are as follows:

- Table 3-15 shows both real (inflation adjusted) and nominal median indemnity costs for calendar years 1998-2003. All costs are expressed in 2003 dollars. Total indemnity costs have increased, adjusting for inflation, on average 11.3 percent per year from 1998-2003. The total increase, adjusted for inflation was 49.02 percent over the same period.
- Examining specific benefit types, the total indemnity costs temporary total disability (TTD) claims have increased, adjusting for inflation, on average 9.4 percent per year from 1998-2003. The total increase, adjusted for inflation was 39.7 percent over the same period. Median total medical costs for TTD claims increased 18.1 percent on average per year and 122.7 percent from 1998-2003. See Table 3-15.
- Temporary total and both unscheduled and scheduled permanent partial costs for the same period are listed in Table 3-15.

Table 3-19
CCS Indemnity Costs for Claims 1998-2003

		Non-Inflation Adjusted Median Indemnity Costs	Inflation Adjusted Median Indemnity Costs	Inflation Adjusted Average Annual Increase 1998- 2003*	Inflation Adjusted Total Increase 1998- 2003*	Non-Inflation Adjusted Median Medical Costs	Inflation Adjusted Median Medical Costs	Inflation Adjusted Average Annual Increase 1998- 2003*	Inflation Adjusted Total Increase 1998- 2003*
Total Indemnity for all claims				11.30%	49.02%			11.70%	71.80%
	1998	\$2,926	\$3,290			\$2,605	\$2,929		
	1999	\$2,115	\$2,315			\$3,342	\$3,658		
	2000	\$2,296	\$2,432			\$3,834	\$4,061		
	2001	\$2,573	\$2,684			\$4,109	\$4,286		
	2002	\$3,732	\$3,803			\$4,286	\$4,367		
	2003	\$4,903	\$4,903			\$5,033	\$5,033		
Temporary total claims				9.40%	39.70%			18.10%	122.70%
	1998	\$1,853	\$2,084			\$1,952	\$2,194		
	1999	\$1,478	\$1,617			\$2,722	\$2,979		
	2000	\$1,359	\$1,439			\$2,947	\$3,121		
	2001	\$1,600	\$1,669			\$3,512	\$3,664		
	2002	\$2,284	\$2,327			\$4,630	\$4,718		
	2003	\$2,910	\$2,910			\$4,886	\$4,886		
Temporary partial claims				-22.00%	-86.00%			-25.10%	-79.30%
	1998	\$2,748	\$3,089			\$3,609	\$4,058		
	1999	\$657	\$719			\$2,395	\$2,622		
	2000	\$402	\$426			\$2,671	\$2,829		
	2001	\$526	\$548			\$2,158	\$2,251		
	2002	\$423	\$431			\$1,257	\$1,280		
	2003	\$432	\$432			\$839	\$839		
Scheduled permanent partial claims				9.60%	40.40%			13.10%	32.50%
	1998	\$4,713	\$5,299			\$4,287	\$4,820		
	1999	\$4,315	\$4,723			\$4,939	\$5,406		
	2000	\$6,000	\$6,355			\$5,810	\$6,154		
	2001	\$5,745	\$5,993			\$4,660	\$4,861		
	2002	\$5,070	\$5,166			\$3,260	\$3,322		
	2003	\$7,440	\$7,440			\$6,386	\$6,386		
Unscheduled permanent partial claims				-0.40%	-7.40%			0.70%	-10.70%
	1998	\$8,126	\$9,137			\$5,771	\$6,489		
	1999	\$7,724	\$8,454			\$6,923	\$7,578		
	2000	\$8,848	\$9,372			\$6,607	\$6,998		
	2001	\$7,844	\$8,182			\$6,779	\$7,071		
	2002	\$9,999	\$10,189			\$4,365	\$4,448		
	2003	\$8,461	\$8,461			\$5,798	\$5,798		

*Negative percentage indicates a decrease



- Median total medical costs for all claims (in real dollars) increased 11.7 percent on average per year and 71.8 percent from 1998-2003. See Tables 3-15 and 3-16.
- Total hospital costs increased at a rate of 9.5 percent per year, and the total increase over the 1998-2003 by 47.8 percent.
- Similar to total hospital costs, costs for physician services rose 10.3 percent per year and 54.6 percent over the same five six year period.
- Other medical costs are listed in Table 3-16.

Table 3-20
CCS Medical Costs for Claims 1998-2003

		Non-Inflation Adjusted Median Costs	Inflation Adjusted Median Costs	Inflation Adjusted Average Annual Increase 1998- 2003*	Inflation Adjusted Total Increase 1998- 2003*
Total Medical Costs for all Claims				11.70%	71.80%
	1998	\$2,605	\$2,929		
	1999	\$3,342	\$3,658		
	2000	\$3,834	\$4,061		
	2001	\$4,109	\$4,286		
	2002	\$4,286	\$4,367		
	2003	\$5,033	\$5,033		
Total Hospital Costs for all Claims				9.50%	47.80%
	1998	\$1,655	\$1,861		
	1999	\$2,052	\$2,246		
	2000	\$2,300	\$2,436		
	2001	\$2,328	\$2,428		
	2002	\$2,008	\$2,046		
	2003	\$2,751	\$2,751		
Total Physician Costs for all Claims				10.30%	54.60%
	1998	\$1,042	\$1,172		
	1999	\$1,369	\$1,499		
	2000	\$1,352	\$1,432		
	2001	\$1,202	\$1,254		
	2002	\$1,433	\$1,460		
	2003	\$1,811	\$1,811		
Total Other Medical Costs for all Claims				12.10%	69.40%
	1998	\$518	\$582		
	1999	\$557	\$610		
	2000	\$683	\$723		
	2001	\$874	\$912		
	2002	\$780	\$795		
	2003	\$986	\$986		

*Negative percentage indicates a decrease

- When trying to “smooth” the yearly increase/decrease with an average annual increase statistic, it should be noted that legal costs (both employer and claimant) tend to be more volatile, dramatically increasing or decreasing per year. All inflation-adjusted costs are listed in Table 3-17.

Table 3-21
CCS Legal Costs for Claims 1998-2003

		Non-Inflation Adjusted Median Costs	Inflation Adjusted Median Costs	Inflation Adjusted Average Annual Increase 1998-2003*	Inflation Adjusted Total Increase 1998-2003*
Total Attorney Costs				55.80%	111.50%
	1998	\$2,003	\$2,252		
	1999	\$3,772	\$4,129		
	2000	\$4,058	\$4,298		
	2001	\$8,784	\$9,163		
	2002	\$1,810	\$1,844		
	2003	\$4,764	\$4,764		
Employer Attorney Costs				20.90%	118.90%
	1998	\$302	\$340		
	1999	\$324	\$355		
	2000	\$382	\$405		
	2001	\$626	\$653		
	2002	\$495	\$504		
	2003	\$744	\$744		
Claimant Legal Costs				73.10%	43.50%
	1998	\$1,526	\$1,716		
	1999	\$2,000	\$2,189		
	2000	\$2,466	\$2,612		
	2001	\$2,977	\$3,105		
	2002	\$500	\$509		
	2003	\$2,462	\$2,462		

*Negative percentage indicates a decrease

- Table 3-18 shows both real (inflation adjusted) and nominal median total costs (medical and indemnity) for calendar years 1998-2003. Total costs have increased, adjusting for inflation, on average 6.9 percent per year from 1998-2003. The total increase, adjusted for inflation was 35.2 percent over the same period.

Table 3-22
CCS Total Costs for Claims 1998-2003

		Non- Inflation Adjusted Median Costs	Inflation Adjusted Median Costs	Inflation Adjusted Average Annual Increase 1998-2003*	Inflation Adjusted Total Increase 1998- 2003*
Total Indemnity & Medical Costs for all Claims				6.90%	35.20%
	1998	\$7,396	\$8,316		
	1999	\$6,909	\$7,563		
	2000	\$7,064	\$7,482		
	2001	\$7,399	\$7,718		
	2002	\$9,148	\$9,321		
	2003	\$11,243	\$11,243		

*Negative percentage indicates a decrease

Temporal Characteristics of Claims 1998-2003.

Figure 3-3 and Table 3-19 show the increase in the number of average days for claim duration, time away from work, and medical recovery time for all claims in the CCS samples.

- Claim duration increased 9.8 percent on average per year, and increased 55.7 percent from 1998-2003. See Table 3-19.
- Time away from work increased 10.4 percent on average per year, and increased 20.7 percent over the same time frame. See Table 3-19.
- Medical recovery time increased 10.7 percent on average per year, and increased by 33.3 percent from 1998-2003. See Table 3-19.

Table 3-23
CCS Temporal Characteristics of Claims 1998-
2003

		Median Number of Days	Average Annual Increase 1998-2003*	Total Increase 1998- 2003*
Claim Duration			9.80%	55.70%
	1998	314		
	1999	329		
	2000	332		
	2001	325		
	2002	385		
	2003	489		
Time Away From Work			10.40%	20.70%
	1998	n/a		
	1999	29		
	2000	32		
	2001	50		
	2002	31		
	2003	35		
Medical Recovery Time			10.70%	33.30%
	1998	185		
	1999	151		
	2000	175		
	2001	242		
	2002	164		
	2003	246		

*Negative percentage indicates a decrease

Figure 3-3
Average (Median) Temporal Characteristics of
Claims in Kansas 1999-2004

